C1730-1A

The Fifth Estate

Broadcasting ϟ Jan 14

54th Year 1985

NATPE takes over from INTV

20814SRI AQ6681 SIA JUN/85
SRI ACQ
CONGRESSNL INFO SRV
4520 EAST-WEST HWY
PETHESDA MD 20814

Vol. 108 No. 2

Broadcasting Jan 14

NATPE 85 opens its door
Votes on stereo must carry revealed at INTV
Advancing on the NAB board

GRAND OPENING □ NATPE 85 opens with a panel of Washington regulators surveying the political scene. Valenti's crystal ball shows pay-per-view as medium of choice for producers. **PAGE 59.** A look at other events on tap for NATPE on **PAGE 82.** An examination of the NATPE syndication marketplace, followed by a list of exhibitors, begins on **PAGE 84.**

GAMING MARKET □ Producers and distributors report slow traffic at INTV exhibitor suites Attendees cite lack of new product. Game shows receive the most attention. **PAGE 60.**

MUSTERING MUST CARRY □ Three FCC commissioners on INTV panel express support for delayed inclusion for must carry of television stereo on cable. Chairman Fowler pulls item from Jan. 18 meeting's agenda. **PAGE 61.**

SOBERING DRIVE □ Combatting movement to ban beer and wine advertisements is key issue at NAB board's winter meeting this week in Palm Springs, Calif. **PAGE 62.**

IN PLACE □ Networks gearing for coverage of second inauguration of the President. **PAGE 64.**

CONSERVATIVE BUY □ SEC filing shows Senator Jesse Helms (R-N.C.) plans to enlist support from conservatives to buy outstanding shares of CBS stock. **PAGE 65.**

BEFORE THE PRESS □ NBC's Tartikoff reviews network's strategy to sustain momentum. Erlicht details ABC's plans to get out of third place. **PAGE 66.**

ROOKIE START □ ABC expects major financial boost with Super Bowl, its first chance to cover annual January event. **PAGE 70.**

INTV 85 □ Independents celebrate a "turning point" convention. **PAGE 130.** Cat is out of bag on stereo TV must carry. **PAGE 134.** Congressmen warn that if bill to ban beer and wine ads makes it to the floor of the House, broadcasters will lose. **PAGE 136.** At session with Hill and FCC staffers, there were no predictions on how beer and wine ad ban would fare in Senate. **PAGE 138.** Syndicators and independent station executives battle over programing marketplace. **PAGE 140.** More local-originated product can produce better image in market, INTV'ers told. **PAGE 142.** Lear encourages indies to take creative risks. **PAGE 144.** Other sessions examine ratings and advertising sales, counterprograming network affiliates and helpful hardware. **PAGES 144-158.**

WHITE HOUSE STORY □ Administration considers satellite-delivered news conferences by President and officials; receives mixed reaction to computer delivery of materials formerly mailed. **PAGE 172.**

IT'S A WONDERFUL TOWN □ New Yorker John von Soosten has had a busy year in his dual capacity as NATPE president and VP, director of programing, for Katz Television. **PAGE 215.**

INDEX TO DEPARTMENTS

Business 162	Datebook 39	In Brief 216	Monday Memo 54
Business Briefly 22	Editorials 218	In Sync 178	Open Mike 50
Cablecastings 30	Fates & Fortunes 211	Journalism 172	Riding Gain 186
Changing Hands 191	Fifth Estater 215	Law & Regulation 176	Stock Index 170
Closed Circuit 21	For the Record 192	The Media 190	

Broadcasting (ISSN 0007-2028) is published 51 Mondays a year (combined issue at yearend) by Broadcasting Publications Inc., 1735 DeSales Street, N.W. Washington, D.C. 20036. Second-class postage paid at Washington, D.C., and additional offices. Single issue $2 except special issues $3.50 (50th Anniversary issue $10). Subscriptions, U.S. and possessions: one year $60, two years $115, three years $160. Canadian and other international subscribers add $20 per year. U.S. and possessions $170 yearly for special delivery, $100 for first-class. Subscriber's occupation required. Annually: *Broadcasting* □ *Cablecasting Yearbook* $80. *Across the Dial* $6.95. Microfilm of *Broadcasting* is available from University Microfilms, 300 North Zeeb Road, Ann Arbor, Mich. 48106 (35mm, full year $55). Microfiche of *Broadcasting* is available from Bell & Howell, Micro Photo Division, Old Mansfield Road, Wooster, Ohio 44691 ($37/yr.). Postmaster please send address corrections to *Broadcasting*, 1735 DeSales St., N.W. Washington, D.C. 20036.

INDEX TO ADVERTISERS A.F. Associates Inc. 26 □ Almi Television 101 □ American Council of Life Insurance and Health Insurance Association of America 30 □ American Society of Composers, Authors & Publishers (ASCAP) 164-165 □ Analysis Technologies Inc. (Antek) 167 □ Arbitron Ratings Co. 132-133 □ Associated Press Broadcast Services 22 □ Sherlee Barish & Associates/Broadcast Personel Inc. 211 □ Blackburn & Co. 190 □ Blair/RAR Inc. 99 □ Blair Television 210 □ BMI 187 □ BrightStar 195 □ Carol Burnett & Friends 115 □ Centerpoint Distribution Inc. 163 □ Chapman Associates 193 □ Chicago, The University of 46 □ Classified Ads 198-209 □ Columbia Pictures Television 24-25, 28-29, 40-41, 48-49 □ Continental Electronics 178 □ Conus Communications 127 □ DFS Program Exchange 129, 131, 156-157 □ The Dow Chemical Co. 172 □ Eastman Kodak Co., Motion Picture & Audiovisual Markets Div. 151, 174-175 □ Embassy Telecommunications 91, 93, 94-95, Fourth Cover □ Evergreen Programs Inc. 16-17 □ The Fetzer Stations 67 □ Fries Distribution Co. 180-181 □ Gaylord Program Services 20 □ Golden West Television 51 □ The Samuel Goldwyn Co. 56-57 □ Grandy & Berkson Media Brokers 188 □ Group W Productions Third Cover □ GTE/Sprint 182 □ Harrison Publishing Co. 212 □ The Lewis Horwitz Organization 184 □ KDKA-TV 147 □ KHJ-TV 119 □ King Features Entertainment 96-97 □ King World 27, 47, 109, 116-117 □ LBS Communications 148-149 □ Lorimar Front Cover □ Lutheran Television 34, 121, 125 □ MCA TV 23, 31, 32-33, 35, 36-37, 38, 113 □ MGM/United Artists Entertainment Co. Television 43, 44-45, 79, 80-81, 83, 85 □ Microdyne Corp. 159 □ Netcom 135 □ O'Connor Creative Services 189 □ Orion Television Syndication 58, 169, 171, 173 □ □ Paramount Television Domestic Television 68-69 □ Professional Cards 196-197 □ RCA Americom 152-153 □ Cecil L. Richards Inc. 191 □ RKO Television 89 □ Robert W. Rounsaville & Associates 192 □ Services Directory 197 □ SFM Entertainment 55, 160-161 □ The Silverbach-Lazarus Group 177, 179 □ Joe Sullivan & Associates Inc. 186 □ Telepictures Corp. 52-53 □ The Television Program Source 87, 123 □ Television Sales Worldwide 154 □ Tonka Corp. 183 □ Edwin Tornberg & Co. 194 □ TV Log 166, 168 □ 20th Century Fox Television 103, 104-105, 106-107 □ Viacom 71, 72-73, 74-75, 76-77, 110-111, 137, 139, 141, 143, 145 □ Warner Bros. Television Distribution 18 □ World Events Productions Ltd. 185 □ Worldvisions Enterprises Inc. Second Cover/3, 4-5, 6-7, 8-9, 10-11, 12-13, 14-15, 16-17 □ World Wide Bingo Inc. 39 □ Wold Communications 42 □ WRAL-TV 155

Graphics vs. text: the volatile world of videotex

Growth of home personal computers has put a whole new light on a medium that some were ready to write off; but some companies are fine tuning and determined to survive

A few years ago there was an argument within the Fifth Estate as to whether the word "videotex" should have had a "t" on the end. Based on recent developments, it seems as if the "t" should indeed have been added and the word, "computer," substituted for "video."

The original notion of videotex, as an advertiser-supported, sophisticated graphics system received on the television set using a dedicated terminal, is in retreat. In its place the same two-way services (such as home banking and shopping, and on-line news and information) are being offered mostly in simple text form to growing numbers of personal computer owners. The uncertainty over whether there was a demand for those services has ended in a growing competition among major communications, finance and computer companies.

The change in the look of videotex is illustrated by events taking place at Viewtron, the south Florida videotex operation that was the first to start. Since November 1983, the service has provided home banking and shopping, on-line news and information, games and a variety of other two-way services to consumers via a television set and a "Sceptre" terminal made by AT&T.

Officials of Viewdata, the Knight-Ridder subsidiary operating Viewtron, had indicated last year that it was behind schedule in signing up customers. One year after startup the service had 2,200 local subscribers, or a television household penetration of two-tenths of 1%, at a cost to Knight-Ridder of $36 million. So it was not a great surprise when, last Oct. 31, Viewdata announced spending reductions and a 20% cutback of its 200-member staff. The problems of the operation raised the question of whether there was a demand for the services at all, or whether that demand might be being met elsewhere.

That "elsewhere" could well be what were formerly called on-line data services such as CompuServe, The Source and Dow Jones News Retrieval, all of which began offering news and information to personal computer owners in the mid and late seventies. Originally conceived to make use of main-frame computers in the evening hours, all three services began with stock quotations and news wires but have since expanded their offerings and now resemble graphics videotex services.

Robert L. Smith, director of administration for the Videotex Industry Association, said: "I think there has been a rethinking of the concept of videotex so that it is no longer synonymous with color graphics. It may happen to use color graphics, but other systems like CompuServe have evolved into vi-

CBS takes the week in prime time and daytime

With eight of the top 10 programs, CBS-TV took the prime time ratings race for the week ended Jan. 6, the 15th week of the season, by its biggest margin yet—and also claimed victory for the latest week and the season to date in the daytime ratings as well.

Nielsen's prime time numbers showed CBS with an average 19.3 rating/30 share—4.2 rating points ahead of NBC-TV's 15.1/23 and 4.7 points ahead of ABC-TV's 14.6/22.

The end of 1984 gave the networks a reckoning point for reviewing performance— and making claims—in other dayparts too. Everybody could find something to cheer about.

CBS claimed victory in daytime programing for both the week ended Dec. 30, the latest for which ratings were available, and for the season to date. It could also claim victory for the full calendar year, taking the top spot away from ABC for both the year and the fourth quarter.

NBC claimed "impressive improvements" not only in prime time and daytime, but in late-night, early-morning and Saturday-morning ratings as well. In daytime, NBC said, it was the only network to improve its fourth-quarter rating and share performances over those in the fourth quarter of 1983, going from 4.7/17 in 1983 to 4.8/18 this time, while CBS went from 6.8/24 to 6.6/24 and ABC from 7.0/24 to 5.8/20.

NBC said its *Late Night With David Letterman* averaged 3.3/18 in 1984's fourth quarter, the highest quarterly average ever attained by Letterman, and *Tonight* with Johnny Carson did a 7.1/22, up from 6.8/21 in the 1984 fourth quarter.

ABC meanwhile cheered its *Good Morning, America* as winning the early-morning competition not only for the latest week (ended Dec. 30) but also the quarter and the full calendar year—its fifth consecutive calendar year as number one. For the week it was *GMA* 4.3/21, *Today* 4.1/20 and *CBS Morning News* 3.1/16. For the year (Dec. 26, 1983, to Dec. 26, 1984) *GMA* was out in front by a full rating point, 5.1/24 to *Today's* 4.1/20 and *CBS Morning News's* 3.3/16.

Street Hawk, premiering on ABC in a 90-minute version Friday night, averaged 17.9/26, topping everything against it except CBS's *Dallas* (26.3/38) and ranking 24th for the week.

Rank	Show	Network	Rating/Share
1.	NFL Champ., 7-7:06 p.m.	CBS	32.6/62
2.	Simon & Simon	CBS	27.0/39
3.	Dallas	CBS	26.3/38
4.	Dynasty	ABC	26.2/38
5.	60 Minutes	CBS	25.5/36
6.	NFL Champ., post-game	CBS	25.0/48
7.	Victor/Victoria	CBS	23.6/35
8.	Magnum, P.I.	CBS	22.8/33
9.	Murder, She Wrote	CBS	22.4/31
10.	Rose Bowl, 8-8:36 p.m.	NBC	22.3/32
11.	Bill Cosby Show	NBC	21.8/32
12.	Crazy Like a Fox	CBS	21.8/31
13.	Falcon Crest	CBS	21.5/33
14.	Knots Landing	CBS	21.4/33
15.	Fall Guy	ABC	21.2/31
16.	Family Ties	NBC	21.2/30
17.	Charlie Brown Special	CBS	21.0/29
18.	Hotel	ABC	20.3/33
19.	Webster	ABC	20.3/31
20.	Knight Rider	NBC	18.8/26
21.	Cheers	NBC	18.4/26
22.	Road Warrior	NBC	18.3/27
23.	Trapper John, M.D.	CBS	18.1/30
24.	Streethawk	ABC	17.9/26
25.	Night Court	NBC	17.3/26
26.	Kate & Allie	CBS	16.9/30
27.	Orange Bowl	NBC	16.9/27
28.	Diff'rent Strokes	NBC	16.7/26
29.	20/20	ABC	16.6/26
30.	Thorn Birds, part 1	ABC	16.4/24
31.	Miami Vice	NBC	16.2/25
32.	Love Boat	ABC	16.2/26
33.	Newhart	CBS	15.6/29
34.	Charles in Charge	CBS	15.6/23
35.	Dukes of Hazzard	CBS	15.1/23
36.	Double Trouble	NBC	14.9/23
37.	Cover-Up	CBS	14.7/26
38.	Facts of Life	NBC	14.7/21
39.	Cagney & Lacey	CBS	14.6/29
40.	Gimme A Break	NBC	14.6/23
41.	Mike Hammer	CBS	14.2/32
42.	College Cheerleading Champ.	NBC	14.2/21
43.	Scarecrow & Mrs. King	CBS	14.1/24
44.	Hill Street Blues	NBC	14.1/23
45.	Sharkey's Machine	CBS	14.1/21
46.	Finder of Lost Loves	ABC	14.0/24
47.	Hardcastle & McCormick	ABC	13.8/23
48.	Orange Bowl Parade	NBC	13.7/23
49.	T.J. Hooker	ABC	13.6/21
50.	St. Elsewhere	NBC	13.3/21
51.	Matt Houston	ABC	13.3/21
52.	Airwolf	CBS	13.2/20
53.	It's Your Move	NBC	13.0/19
54.	Ripley's Believe It or Not	ABC	12.9/19
55.	Punky Brewster	NBC	12.2/18
56.	Wolfen	ABC	12.0/17
57.	Berrenger's	NBC	11.9/20
58.	Silver Spoons	NBC	11.9/18
59.	V	NBC	11.9/18
60.	Hard Knox	NBC	11.7/22
61.	The Big Red One	ABC	10.5/20
62.	Hunter	NBC	10.3/15
63.	Sugar Bowl	ABC	7.2/10

ERP to 1.2 kw and change HAAT to 511 ft. App. Dec. 28.

■ WKCD-FM (93.5 mhz) Mechanicsburg, Pa.—Seeks CP to change ERP to 0.575 kw. App. Jan. 4.

■ WYTK (95.3 mhz) Washington, Pa.—Seeks CP to change ERP to 2.14 kw. App. Jan. 4.

■ KIWW (96.1 mhz) Harlingen, Tex.—Seeks CP to change TL and change HAAT to 1,157 ft. App. Jan. 4.

■ KLTR-FM (93.7 mhz) Houston—Seeks CP to change HAAT to 1,720 ft. App. Jan. 4.

■ KXLY-FM (99.9 mhz) Spokane, Wash.—Seeks CP to change ERP to 36.7 kw and change HAAT to 2,998 ft. App. Jan. 4.

■ WKTT (103.1 mhz) Cleveland, Wis.—Seeks mod. of CP to change HAAT to 328 ft. and make changes in ant. sys. App. Jan. 4.

■ KOTB (106.3 mhz) Evanston, Wyo.—Seeks CP to change TL and change HAAT to 1,523 ft. App. Dec. 28.

TV's

Accepted

■ KBFD (ch. 32) Honolulu—Seeks MP to change TL and change HAAT to 424 ft. App. Jan. 2.

■ WWAY (ch. 3) Wilmington, N.C.—Seeks MP to change ERP to vis. 100 kw, aur. 10 kw and change HAAT to 1,953 ft. App. Dec. 28.

■ KSBI (ch. 52) Oklahoma City—Seeks MP to change coordinates and overall height above sea level to 1,304 ft. App. Jan. 2.

■ WTVE (ch. 51) Reading, Pa.—Seeks CP to change ERP to vis. 1,326 kw, aur. 265 kw and change HAAT to 1,051 ft. App. Jan. 2.

■ KZEI (ch. 67) Alvin, Tex.—Seeks MP to change ERP to vis. 5,000 kw, aur. 500 kw; change TL, and change HAAT to 1,783. App. Jan. 3.

Actions

AM's

■ KDAP (1450 khz) Douglas, Ariz.—Dismissed app. as unnecessary to change SL to TL. Action Dec. 27.

■ WINU (1510 khz) Highland, Ill.—Returned app. to change freq. to 880 khz; add night power with 250 w; increase day power to 5 kw; install DA-2; change TL, and make changes in ant. sys. Action Dec. 20.

■ WIDS (1190 khz) Russell Springs, Ky.—Granted app. to make changes in ant. sys. Action Dec. 20.

■ WVAL (800 khz) Sauk Rapids, Minn.—Granted app. to add night service with 1 kw; increase day power to 10 kw; install DA-2; change freq. to 660 khz, and make changes in ant. sys. Action Dec. 18.

■ WNYM (1330 khz) New York—Granted app. to change from shared time with WPOW(AM) to full time. Action Dec. 27.

■ WXAX (1170 khz) Lexington, S.C.—Returned app. to increase power to 10 kw. Action Dec. 20.

■ WTBN (560 khz) Brentwood, Tenn.—Granted app. to change TL. Action Dec. 21.

FM's

■ KMDX (99.3 mhz) Parker, Ariz.—Granted app. to change SL to 137 West Riverside Drive, Parker. Action Dec. 14.

■ KMZK (106.3 mhz) Sun City, Ariz.—Granted app. to change HAAT to 300 ft. and change TL. Action Dec. 13.

■ KJBA (100.1 mhz) Bethel, Ark.—Granted app. to change HAAT to 64.08 ft. Action Dec. 20.

■ KEZY-FM (95.9 mhz) Anaheim, Calif.—Granted app. to change TL; change ERP to 2.4 kw, and change HAAT to 328 ft. Action Dec. 17.

■ KXVR (99.5 mhz) Mountain Pass, Calif.—Granted app. to change SL. Action Dec. 21.

■ KOCM (103.1 mhz) Newport Beach, Calif.—Granted app. to change ERP to 2.57 kw and change HAAT to 322 ft. Action Dec. 21.

■ KKHI-FM (95.7 mhz) San Francisco—Granted app. to change ERP to 6.9 kw and change HAAT to 1,289.04 ft. Action Dec. 17.

■ *KSCA (88.7 mhz) Santa Barbara, Calif.—Granted app. to make changes in ant. sys. Action Dec. 19.

■ KRXV (98.1 mhz) Yermo, Calif.—Granted app. to change SL. Action Dec. 21.

■ KBCO (97.3 mhz) Boulder, Colo.—Granted app. to change TL; change HAAT to 1,541 ft., and make changes in ant. sys. Action Dec. 14.

■ WPCH (94.9 mhz) Atlanta—Granted app. to install and operate aux. ant. Action Dec. 18.

■ WFMG (105.7 mhz) Augusta, Ga.—Granted app. to change TL; change ERP to 100 kw, and change HAAT to 1,322 ft. Action Dec. 24.

■ WLS-FM (94.7 mhz) Chicago—Granted app. to install aux. sys. Action Dec. 14.

■ WDDD-FM (107.3 mhz) Marion, Ill.—Dismissed app. to install aux. sys.; change ERP to 4 kw, and change HAAT to 418 ft. Action Dec. 19.

■ WTAO-FM (104.9 mhz) Murphysboro, Ill.—Granted app. to change HAAT to 328 ft. Action Dec. 19.

■ KLYF (100.3 mhz) Des Moines, Iowa—Granted app. to install aux. sys. Action Dec. 14.

■ WAMX (93.7 mhz) Ashland, Ky.—Granted app. to change ERP to 50 kw and change HAAT to 590.4 ft. Action Dec. 13.

■ WQXE (100.1 mhz) Elizabethtown, Ky.—Granted app. to change TL and change HAAT to 300 ft. Action Dec. 24.

■ WSIP-FM (98.9 mhz) Paintsville, Ky.—Granted app. to change ERP to 94 kw and change HAAT to 600.24 ft. Action Dec. 19.

■ WRSL-FM (95.9 mhz) Stanford, Ky.—Dismissed app. to change TL; change ERP to 1.4 kw, and change HAAT to 424 ft. Action Dec. 24.

■ KDKS (92.1 mhz) Benton, La.—Granted app. to change TL; change ERP to 3 kw, and change HAAT to 300 ft. Action Dec. 24.

■ KVKJ-FM (96.5 mhz) Shreveport, La.—Granted app. to make changes in ant. sys. Action Dec. 17.

■ *WFXM (88.1 mhz) Frederick, Md.—Returned app. to relocate tower and change transmitter and ant. Action Dec. 20.

■ WMJX (106.7 mhz) Boston—Granted app. to change ERP to 15.5 kw and change HAAT to 900 ft. Action Dec. 18.

■ WITW (107.1 mhz) Cadillac, Mich.—Dismissed app. to change TL and change HAAT to 300 ft. Action Dec. 19.

■ WCFX (95.3 mhz) Clare, Mich.—Granted app. to change TL and change HAAT to 328 ft. Action Dec. 17.

■ WFMK (99.1 mhz) East Lansing, Mich.—Granted app. to change TL and make changes in ant. sys. Action Dec. 17.

■ *WNCB (89.1 mhz) Duluth, Minn.—Granted app. to move transmitter and ant.; change ERP to 0.494 kw, and change HAAT to 240 ft. Action Dec. 27.

■ KAGE-FM (95.3 mhz) Winona, Minn.—Granted app. to change ERP to 1.31 kw. Action Dec. 19.

■ *KSOZ (91.7 mhz) Point Lookout, Mo.—Returned app. to relocate tower; change HAAT to 787 ft., and change ERP to 22.71 kw. Action Dec. 20.

■ KKEI (103.1 mhz) Imerial, Neb.—Returned app. to change TL and change HAAT to 208 ft. Action Dec. 20.

■ KWNZ (97.3 mhz) Carson City, Nev.—Granted app. to change TL; change ERP to 29.306 kw, and change HAAT to 2,186 ft. Action Dec. 13.

■ WNYM (1330 khz) New York—Granted app. to change from shared time with WPOW(AM) to fulltime. Action Dec. 27.

■ WBAZ (101.7 mhz) Southold, N.Y.—Granted app. to change TL; change ERP to 2.5 kw, and change HAAT to 333 ft. Action Dec. 18.

■ WDLA-FM (92.1 mhz) Walton, N.Y.—Granted app. to change ERP to .690 kw. Action Dec. 26.

■ WOFM (92.1 mhz) Moyock-Chesapeake, N.C.—Granted app. to install new transmission sys. Action Dec. 27.

■ WKKI (93.3 mhz) Chillicothe, Ohio—Granted app. to change ERP to 22.1 kw. Action Dec. 12.

■ WGTZ (92.9 mhz) Eaton, Ohio—Granted app. to install aux. ant. sys. Action Dec. 17.

■ WZZT (103.1 mhz) Johnstown, Ohio—Granted app. to change HAAT to 328 ft. Action Dec. 20.

■ WEYQ (94.3 mhz) Marietta, Ohio—Granted app. to change TL; change ERP to 3 kw; change HAAT to 270 ft., and change freq. to 94.3 mhz. Action Dec. 20.

■ WIMT (102.1 mhz) Lima, Ohio—Granted app. to change ERP to 11 kw and change HAAT to 1,060 ft. Action Dec. 14.

■ WPTW-FM (95.7 mhz) Piqua, Ohio—Granted app. to change TL; change ERP to 50 kw, and change HAAT to 475.6 ft. Action Dec. 17.

■ KYFM (100.1 mhz) Bartlesville, Okla.—Granted app. to change TL; change ERP to 0.95 kw, and change HAAT to 493 ft. Action Dec. 13.

■ KICE (100.7 mhz) Bend, Ore.—Granted app. to change

Summary of broadcasting as of October, 31, 1984

Service	On Air	CP's	Total *
Commercial AM	4,741	170	4,911
Commercial FM	3,680	418	4,098
Educational FM	1,189	173	1,342
Total Radio	9,590	761	10,351
Translators	789	444	1,233
Commercial VHF TV	536	26	562
Commercial UHF TV	359	252	611
Educational VHF TV	114	2	116
Educational UHF TV	172	31	203
Total TV	1,181	311	1,491
VHF LPTV	203	74	277
UHF LPTV	106	132	238
Total LPTV	309	208	515
VHF translators	2,869	186	3,055
UHF translators	1,921	295	2,216
ITFS	250	114	364
Low-power auxiliary	824	0	824
TV auxiliaries	7,430	205	7,635
UHF translator/boosters	6	0	6
Experimental TV	3	5	8
Remote pickup	12,338	53	12,391
Aural STL & intercity relay	2,836	166	3,002

* Includes off-air licenses.

EDWIN TORNBERG
& COMPANY, INC.

Negotiators
For The Purchase And Sale Of
Radio And TV Stations • CATV • Appraisers
•
P.O.Box 8698 Washington, D.C. 20011
(202)291-8700